

PTO/SB/21 (09-06)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 09/693,754

Filing Date 10/20/2000

First Named Inventor N. Berinstein

Art Unit 1633

Examiner Name Anne Marie Sabrina Wehbe

Attorney Docket Number API-02-06-US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	RCE Transmittal; PTO-2038; IDS (2 pages); PTO/SB/08A and 08B
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	A three-month extension of time to respond is requested. Form PTO-2038 is attached authorizing payment of the three-month extension fee (\$1020) and the RCE fee due under 37 CFR 1.17(e) (\$790).	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Submitted via U.S. Express Mail No. EQ877596983US	

*Any other required fees may be deducted from Deposit Acct. No. 50-0244.***SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Patrick J. Halloran, Ph.D., J.D.		
Signature			
Printed name	Patrick J. Halloran		
Date	08/14/2007	Reg. No.	41,053

CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Patrick J. Halloran	Date	08/07/2007

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(API-02-06-US)

In Re Application of:)	
)	
Berinstein, N.)	Examiner: Anne Marie Sabrina Wehbe
)	
Serial No.: 09/693,754)	
)	Group Art Unit: 1633
Filing Date: 20 Oct. 2000)	
)	
Title:)	
)	
)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

U.S. Express Mail No. EQ877596983US
Deposited Aug. 14, 2007

To the Examiner:

Applicants respectfully submit this Information Disclosure Statement, PTO/SB/08 (2 pages) and copies of the reference cited therein. This Information Disclosure Statement is in compliance with the duty of candor as set forth in 37 C.F.R. § 1.56. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing of the present application.

In the judgment of the undersigned, portions of the references may be material to the examination of the pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. §102 or §103.

CITED REFERENCES

U.S. Patents

20070048860-A1
20040156861-A1
7,232,887B2
7,019,112B1
6,965,017B2
6,805,869B2
6,756,038B1
6,558,671B1
6,537,560B1
6,270,778B1
5,874,560
5,994,523
5,844,075

Non-U.S. Patent Documents

WO 98/04728A1
WO 99/46988A1
WO 99/46992A1


Other Documents:

Hodge, et al. 1997. *Vaccine*. 15(6/7): 759-768.
Hurpin, et al. 1998. *Vaccine*. 16(2/3): 208-215.
Kundig, et al. 1995. *Science*. 268: 1343-1347.
Lehner, et al. 1999. *Journal of Infectious Diseases*. 179 (Suppl. 3): S489-92.
Lehner, et al. 1994. *Journal of Immunology*. 153: 1858-1868.
Wira, et al. 1989. *Immunology*. 68: 24-30.
Wira, et al. 1987. *Journal of Immunology*. 138(12): 4159-4164.

Respectfully Submitted,

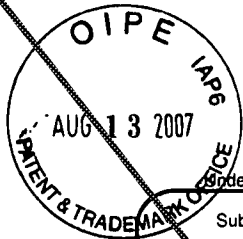
Date: August 14, 2007

By:



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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	09/693,754
Filing Date	10/20/2000
First Named Inventor	Berinstein, N.
Art Unit	1633
Examiner Name	Anne Marie Sabrina Wehbe
Attorney Docket Number	13115

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 20070048860-A1	03-01-2007	Schlom, et al.	Entire Document
		US- 20050136066-A1	06-23-2005	Guo, Y.	Entire Document
		US- 20040214995-A1	10-28-2004	Kawakami, et al.	Entire Document
		US- 20040156861-A1	08-12-2004	Figdor, et al.	Entire Document
		US- 20030144482-A1	07-31-2003	Kawakami, et al.	Entire Document
		US- 20020102278-A1	08-01-2002	Guo, Y.	Entire Document
		US- 7232887- B2	06-19-2007	Kawakami, et al.	Entire Document
		US- 7019112- B1	03-28-2006	Slingluff, et al.	Entire Document
		US- 6965017- B2	11-15-2005	Kawakami, et al.	Entire Document
		US- 6805869- B2	10-19-2004	Guo, Y.	Entire Document
		US- 6756038- B1	06-29-2004	Schlom, et al.	Entire Document
		US- 6558671- B1	05-06-2003	Slingluff, et al.	Entire Document
		US- 6537560- B1	03-25-2003	Kawakami, et al.	Entire Document
		US- 6270778- B1	08-07-2001	Kawakami, et al.	Entire Document
		US- 5874560	02-23-1999	Kawakami, et al.	Entire Document
		US- 5994523	11-30-1999	Kawakami, et al.	Entire Document
		US- 5844075	12-01-1998	Kawakami, et al.	Entire Document
		US-			
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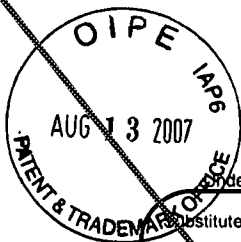
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		WO 98/04728- A1	02-05-1998	Therion Biologics Corp et	Entire Document	
		WO 99/46988- A1	09-23-1999	Genzyme Corp.	Entire Document	
		WO 99/46992- A1	09-23-1999	Genzyme Corp.	Entire Document	

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SignatureDate
Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	09/693,754
		Filing Date	10/20/2000
		First Named Inventor	Berinstein, N.
		Art Unit	1633
		Examiner Name	Anne Marie Sabrina Webb
Sheet 1	of 1	Attorney Docket Number	13115

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HODGE, et al., Vaccine, 1997, 15(6/7): 759-768	
		HURPIN, et al., Vaccine, 1998, 16(2/3): 208-215	
		KUNDIG, et al., Science, 1995, 268: 1343-1347	
		LEHNER, et al., J. Inf. Diseases, 1999, 179(Suppl. 3): S489-92	
		LEHNER, et al., J. Immunol., 1994, 153: 1858-1868	
		WIRA, et al., J. Immunol., 1989, 68: 24-30	
		WIRA, et al., J. Immunol., 1987, 138: 4159-4164	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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